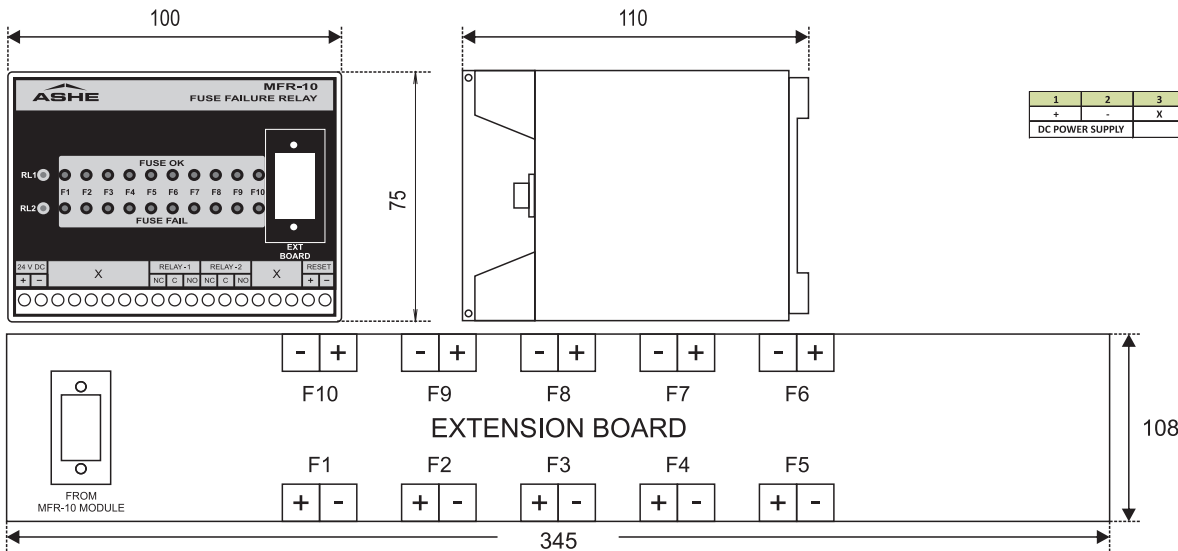


DIMENSIONAL DIAGRAM



TECHNICAL SPECIFICATIONS

Model	ASHE MFR-10.
Type	Multichannel Fuse Failure Indicator with Dual Relay outputs.
Input Signal	0 to 750 VAC/DC.
Channels	Ten Fuses Monitored
Indications	Ten Green & Ten Red LEDs to indicate status of Fuses; two LEDs for Relay status.
Control Output	Two Relay change over contacts.
Contact Rating	10 Ampere @ 230 V AC. (Res. Loads)
Alarm Reset	Reset facility provided on terminals.
Power Supply	24 VDC.
Logic	When any one of the Ten fuses becomes open, Relay-1 will change over and the LED of the corresponding fuse will glow Red. If a second fuse blows before the first is replaced, the second Relay will change over and the LED of the second fuse will start flashing Red, thus differentiating from the fuse that failed first.
Dimensions	Module : 75 x 100 x 110 mm [H x W x D] Extension Board : 108 X 345 [H x W]
Components	<ul style="list-style-type: none"> One Fuse Failure Relay Control Module; One open execution Extension Board with Voltage dropping Resistors; and One 3 mt interconnecting Cable between the two units.
Execution	DIN Rail mounting.
Enclosure	Industrial grade ABS
Weight	0.8 Kg with Extension Board
Operating Temperature	0 to 55°C.

TERMINAL DIAGRAM

For Enclosure:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
+	-	X	X	X	X	X	X	NC	C	NO	NC	C	NO	X	X	X	+	-
DC POWER SUPPLY								NO CONNECTION				RELAY-1		RELAY-2		NO CONNECTION		RESET

For Extension Board:

LOWER TERMINAL BLOCK

1	2	3	4	5	6	7	8	9	10
+	-	+	-	+	-	+	-	+	-
A1	B1	A2	B2	A3	B3	A4	B4	A5	B5

UPPER TERMINAL BLOCK

20	19	18	17	16	15	14	13	12	11
-	+	-	+	-	+	-	+	-	+
B10	A10	B9	A9	B8	A8	B7	A7	B6	A6

TERMINAL DESCRIPTION

For Enclosure:

TERMINAL NO.	NOTATION	DETAILS
1	+	24 V DC Power Supply
2	-	
3	X	No Connection
4	X	
5	X	
6	X	
7	X	Relay - 1
8	X	
9	NC	Relay - 1
10	C	
11	NO	Relay - 2
12	NC	
13	C	Relay - 2
14	NO	
15	X	No Connection
16	X	
17	X	Reset
18	+	
19	-	

For Extension Board:

TERMINAL BLOCK	TERMINAL NO.	NOTATION	DETAILS
LOWER TERMINAL BLOCK	1	+	A1 Fuse 1
	2	-	B1
	3	+	A2 Fuse 2
	4	-	B2
	5	+	A3 Fuse 3
	6	-	B3
	7	+	A4 Fuse 4
	8	-	B4
	9	+	A5 Fuse 5
	10	-	B5
UPPER TERMINAL BLOCK	11	+	A6 Fuse 6
	12	-	B6
	13	+	A7 Fuse 7
	14	-	B7
	15	+	A8 Fuse 8
	16	-	B8
	17	+	A9 Fuse 9
	18	-	B9
	19	+	A10 Fuse 10
	20	-	B10

NOTE: "+" and "-" signs for Fuse inputs and Reset terminals are provided just for clarity and do not represent signal polarity.

NOTES: All Dimensions In mm			Customer		TITLE	TERMINAL AND DIMENSIONAL DRAWING		
			PO. No.		PRODUCT	MFR-10 FUSE FAILURE RELAY & EXTENSION BOARD		
			Quantity		MODEL	ASHE MFR-10		
			Tag Nos.				DOC NO. :	ACPL/GA/MFR-10
					DATE	26-10-21	SHEET :	1 of 1